

Fig. 1A

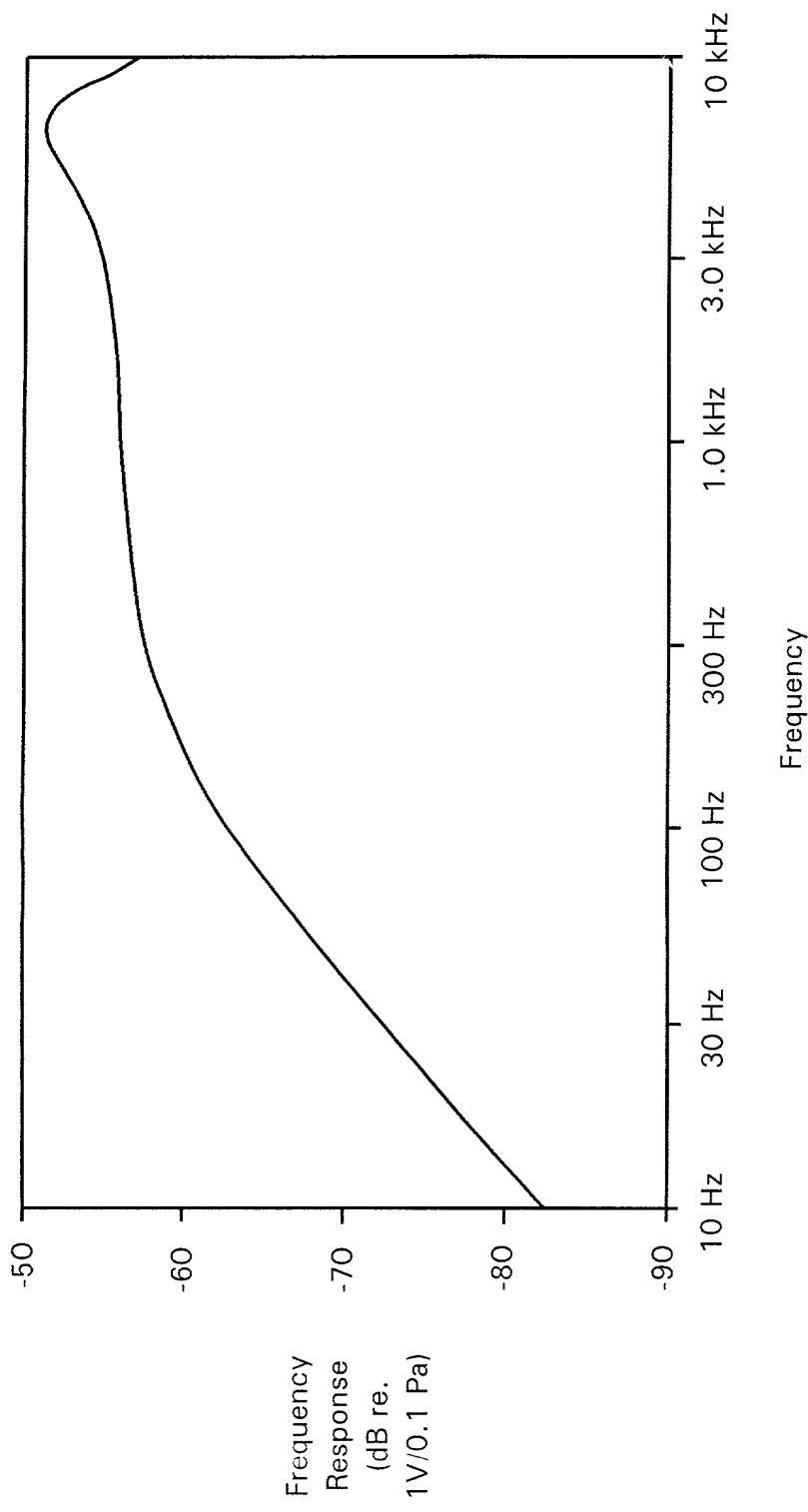


Fig. 1B

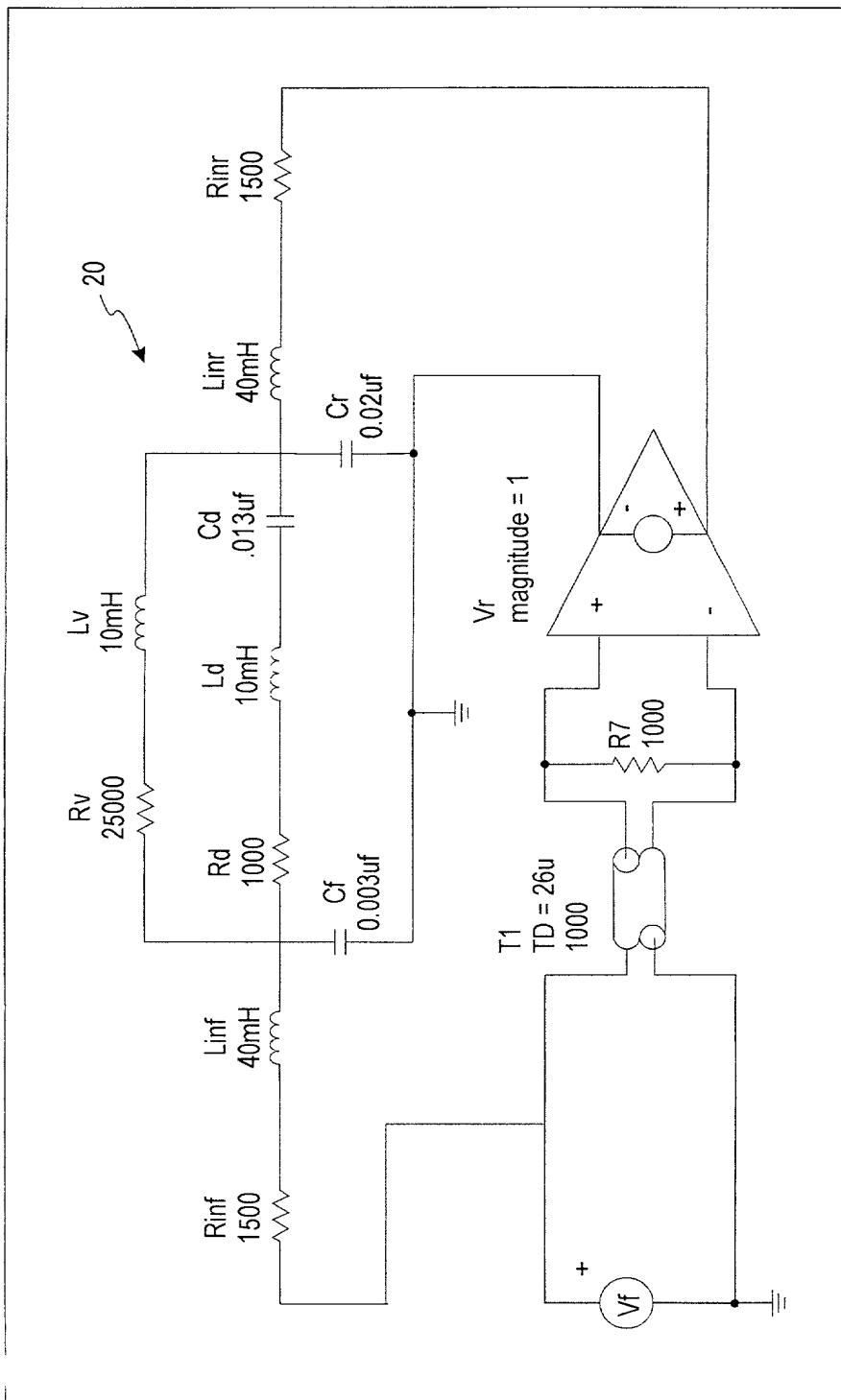
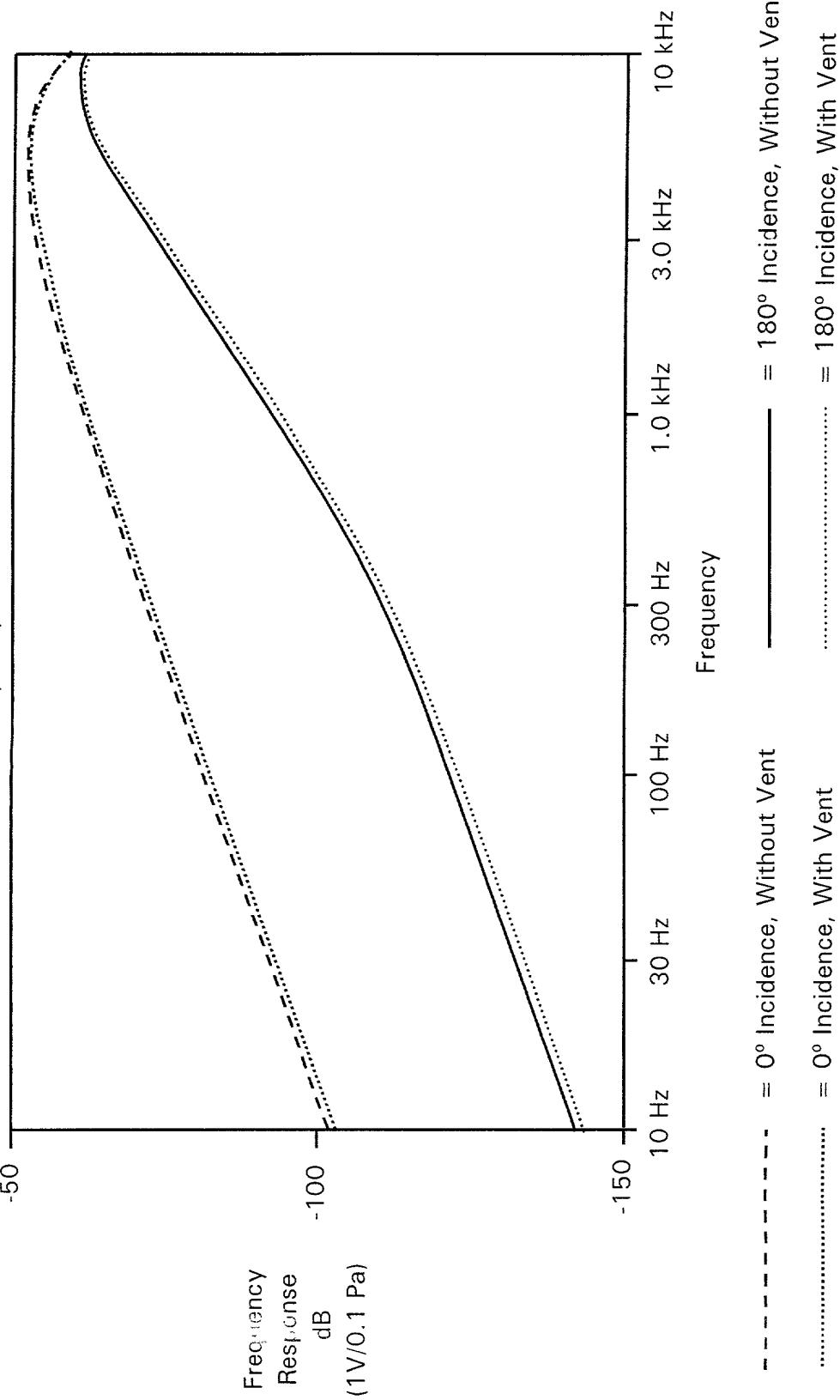


Fig. 2A

Directional Frequency Response, With and Without Vent

**Fig. 2B**

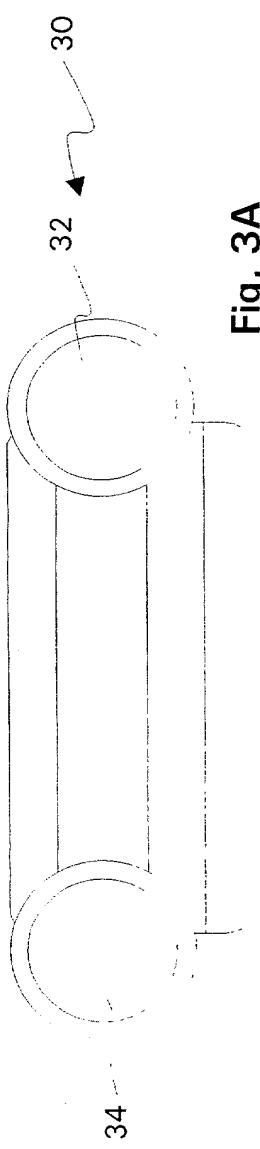


Fig. 3A

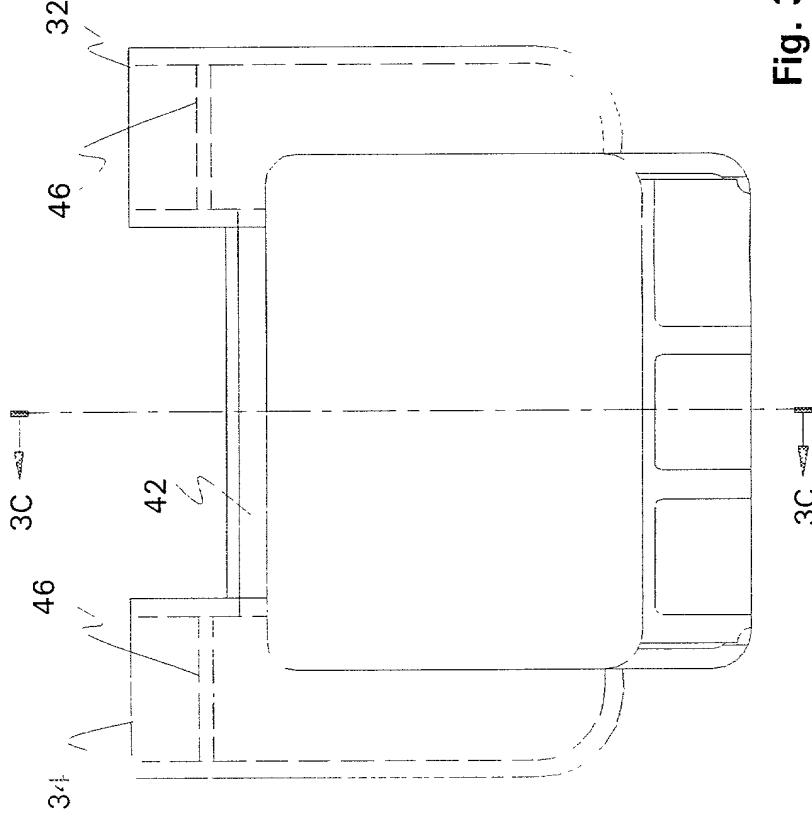
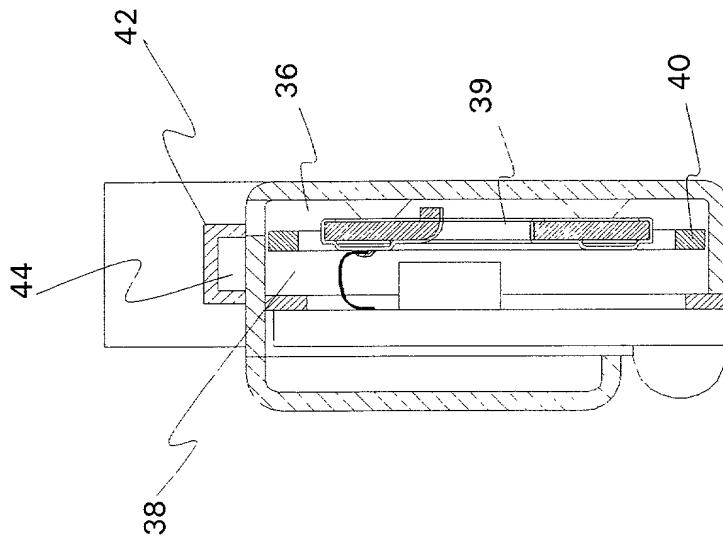


Fig. 3C

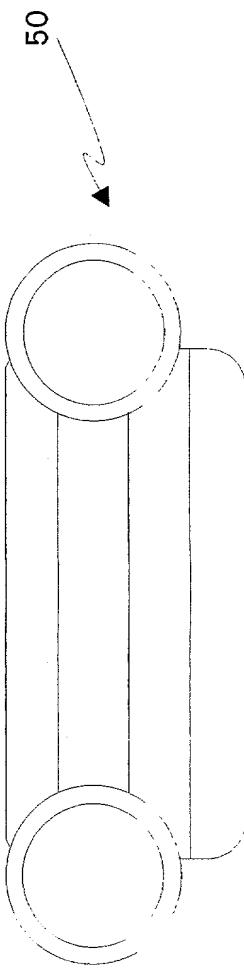


Fig. 4A

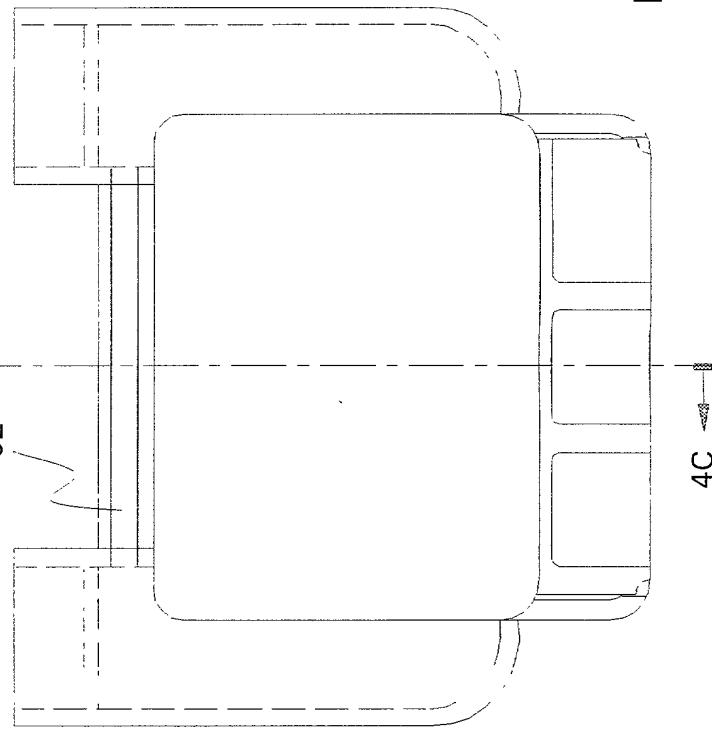


Fig. 4C

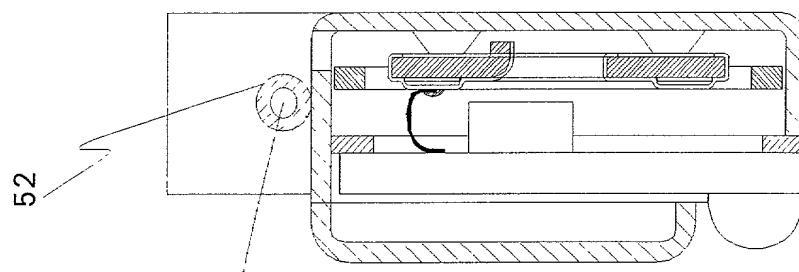


Fig. 4C

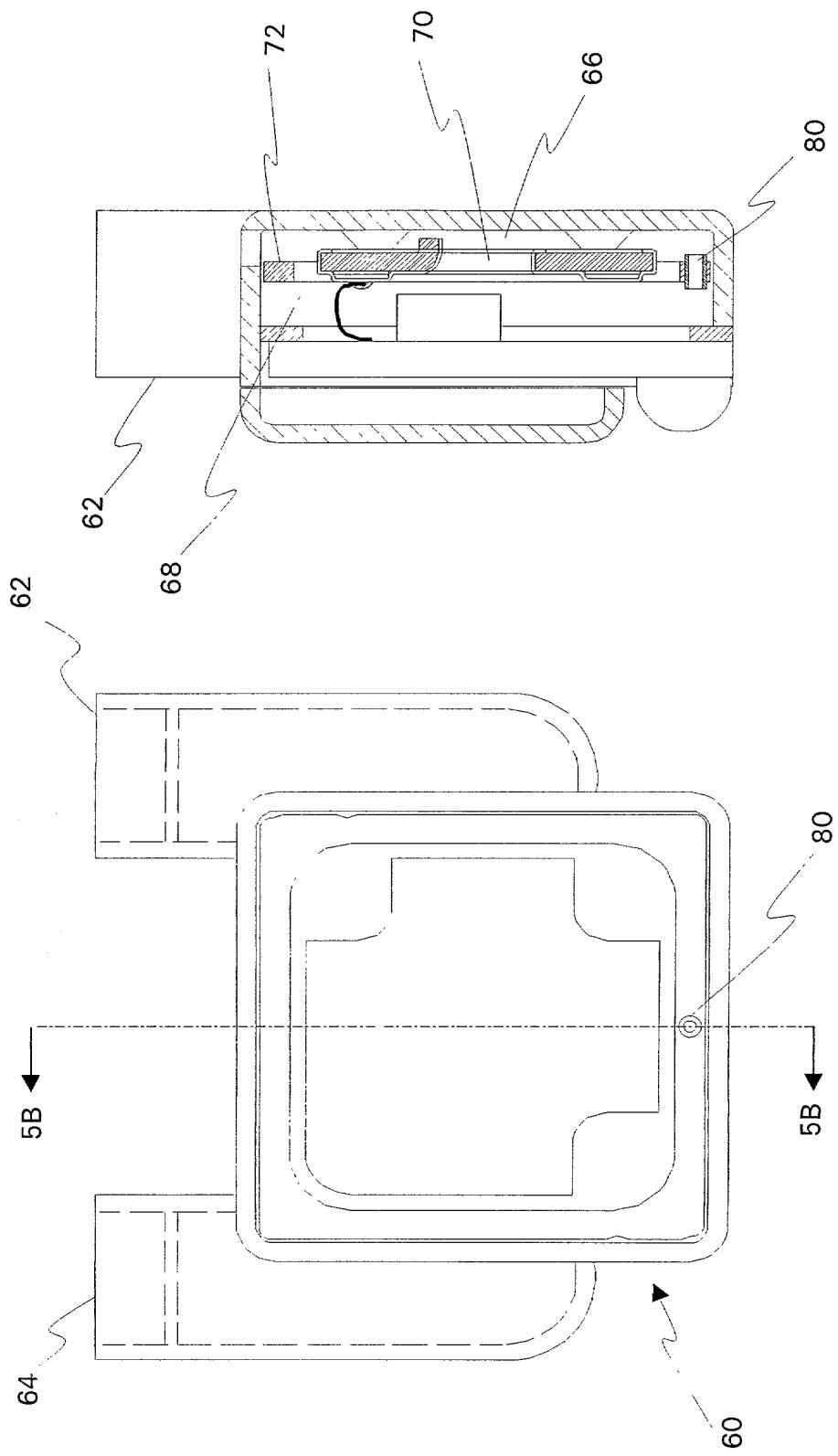


Fig. 5B

Fig. 5A

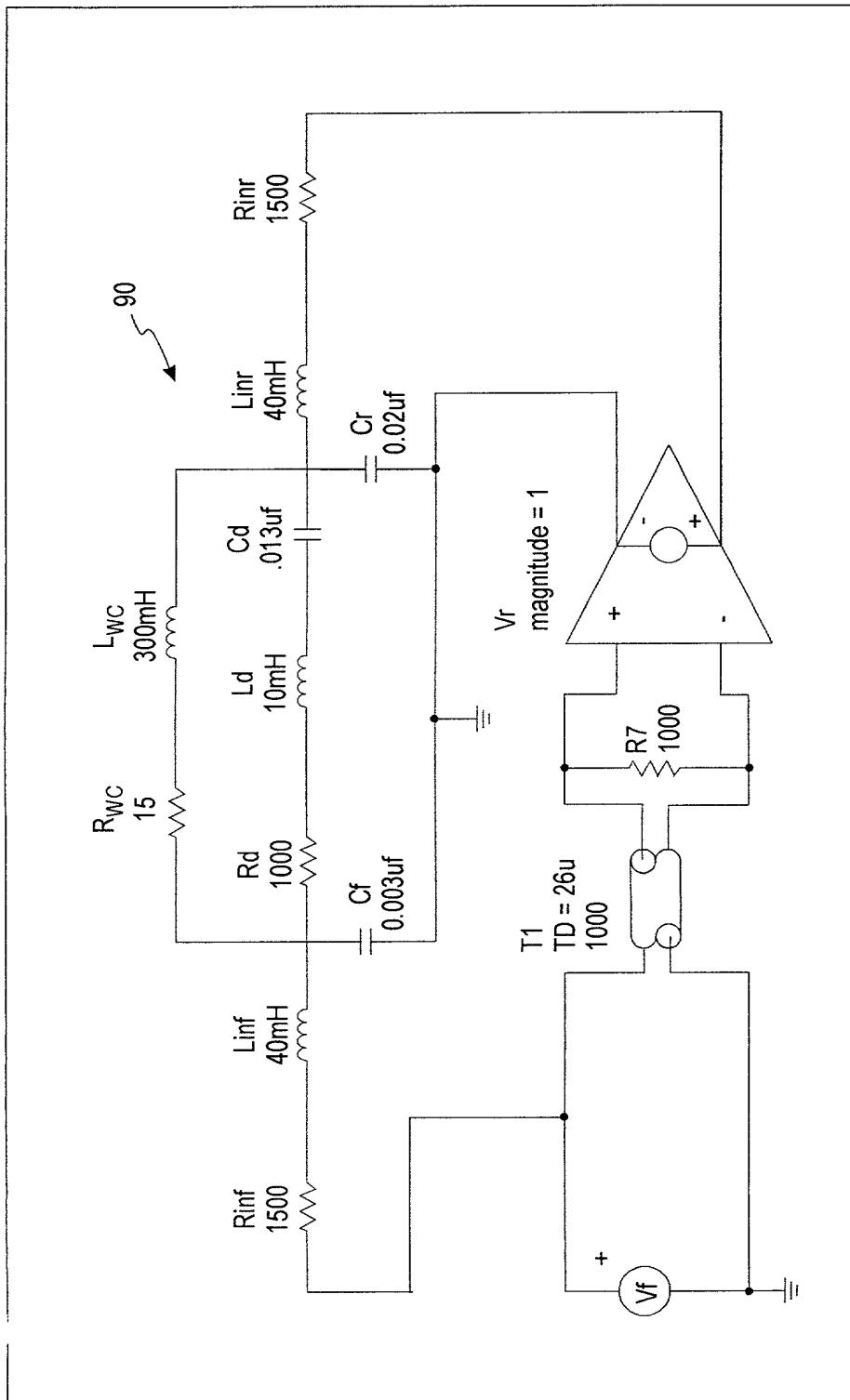


Fig. 6

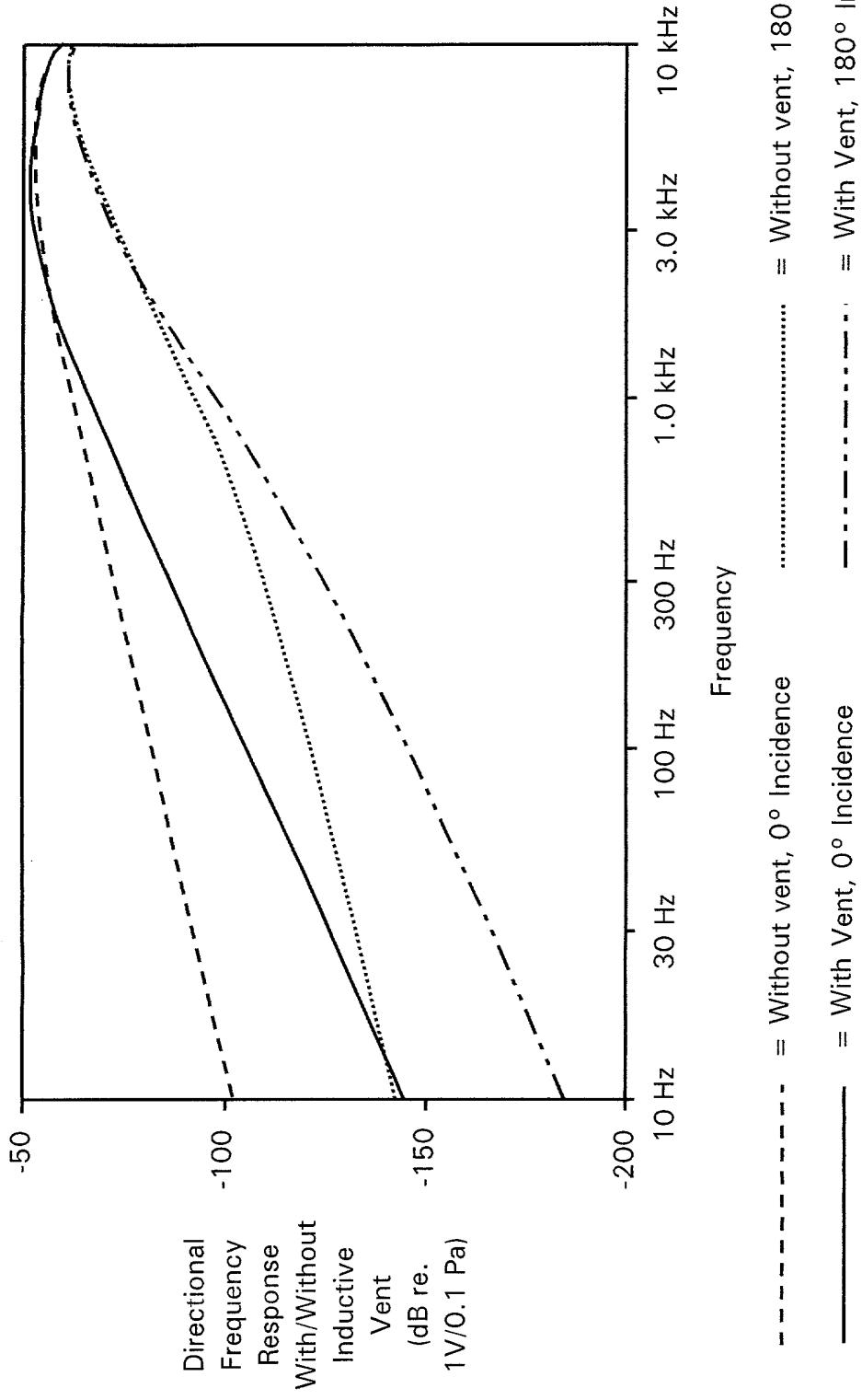


Fig. 7

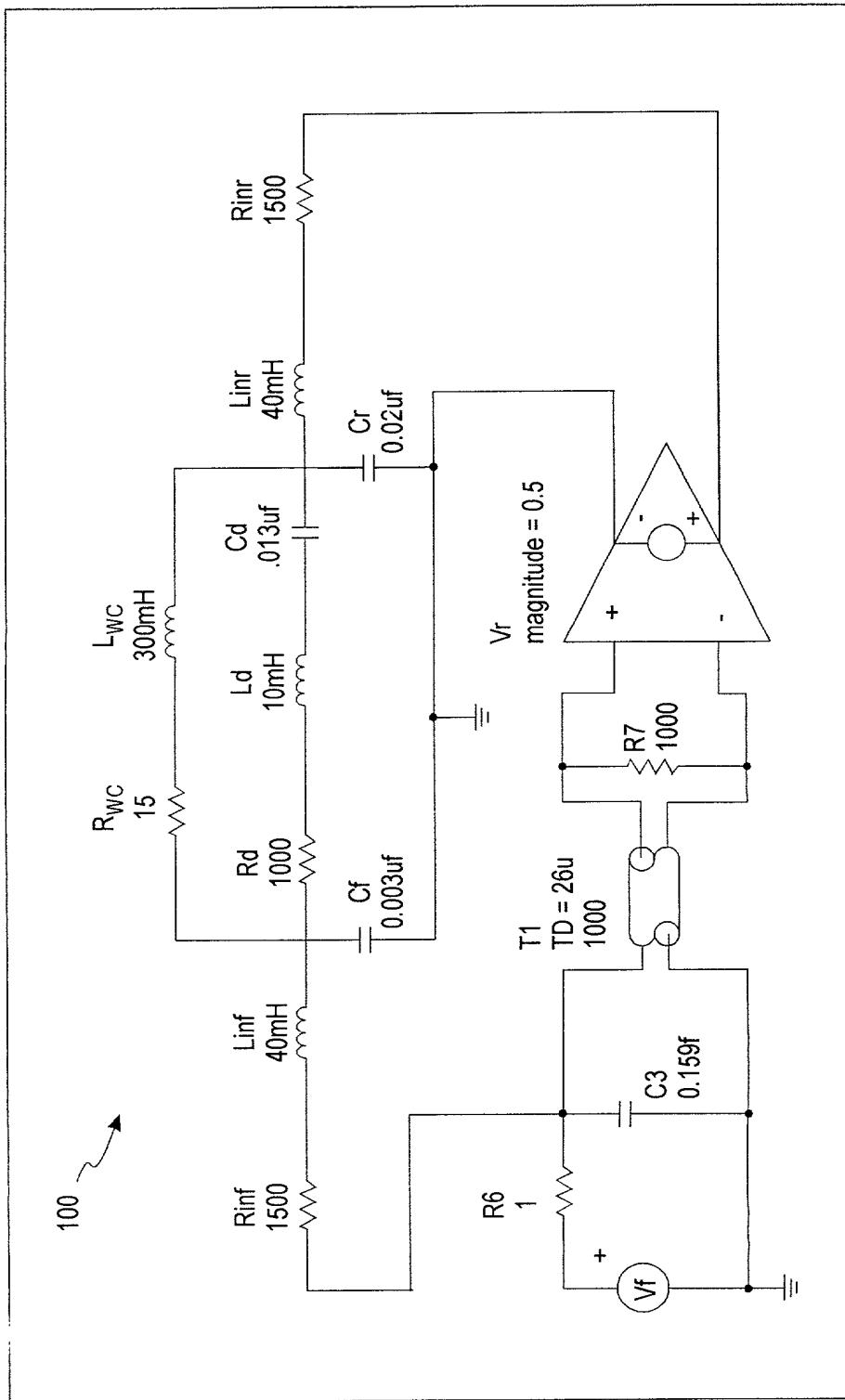


Fig. 8A

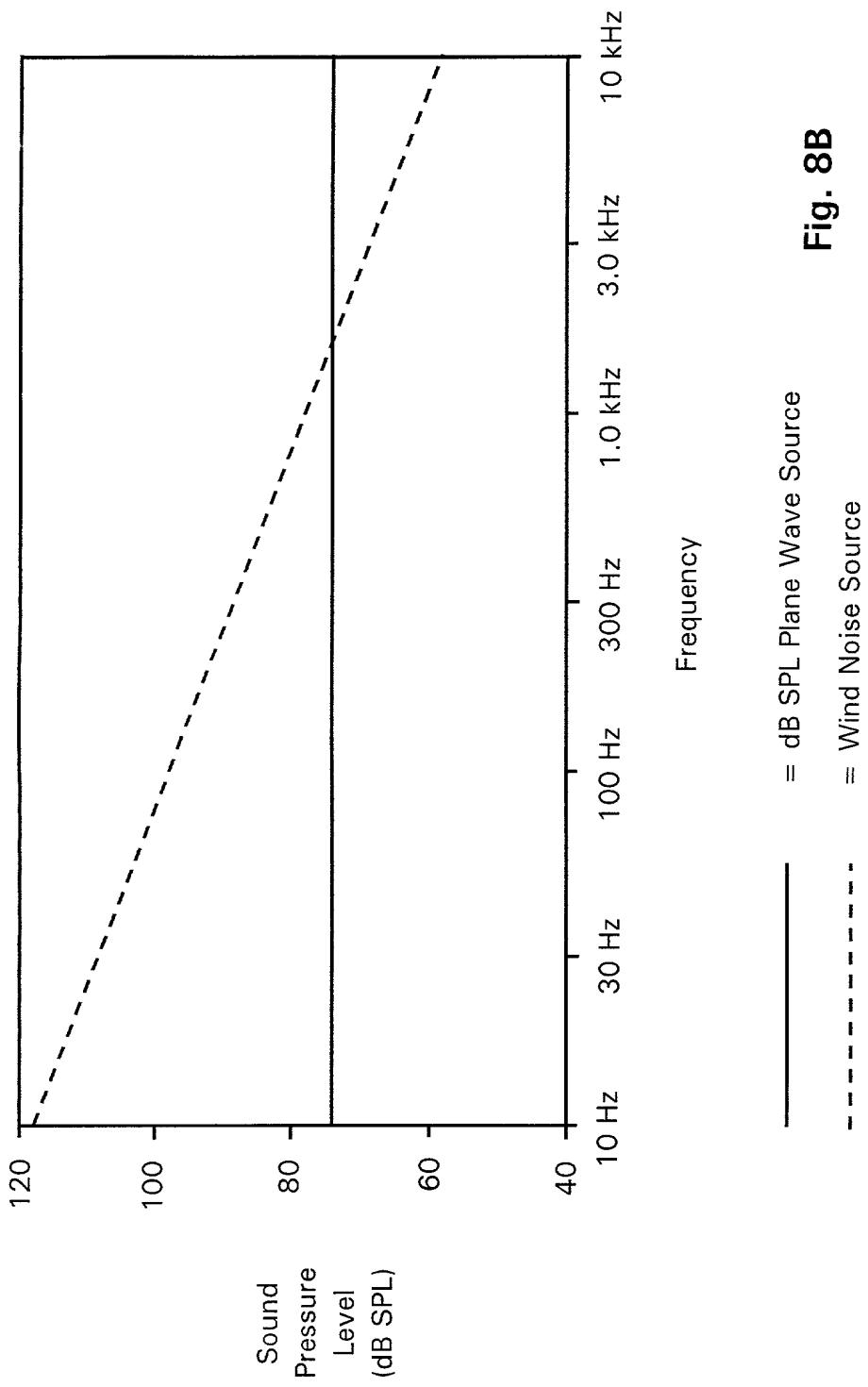


Fig. 8B

— = dB SPL Plane Wave Source

- - - = Wind Noise Source

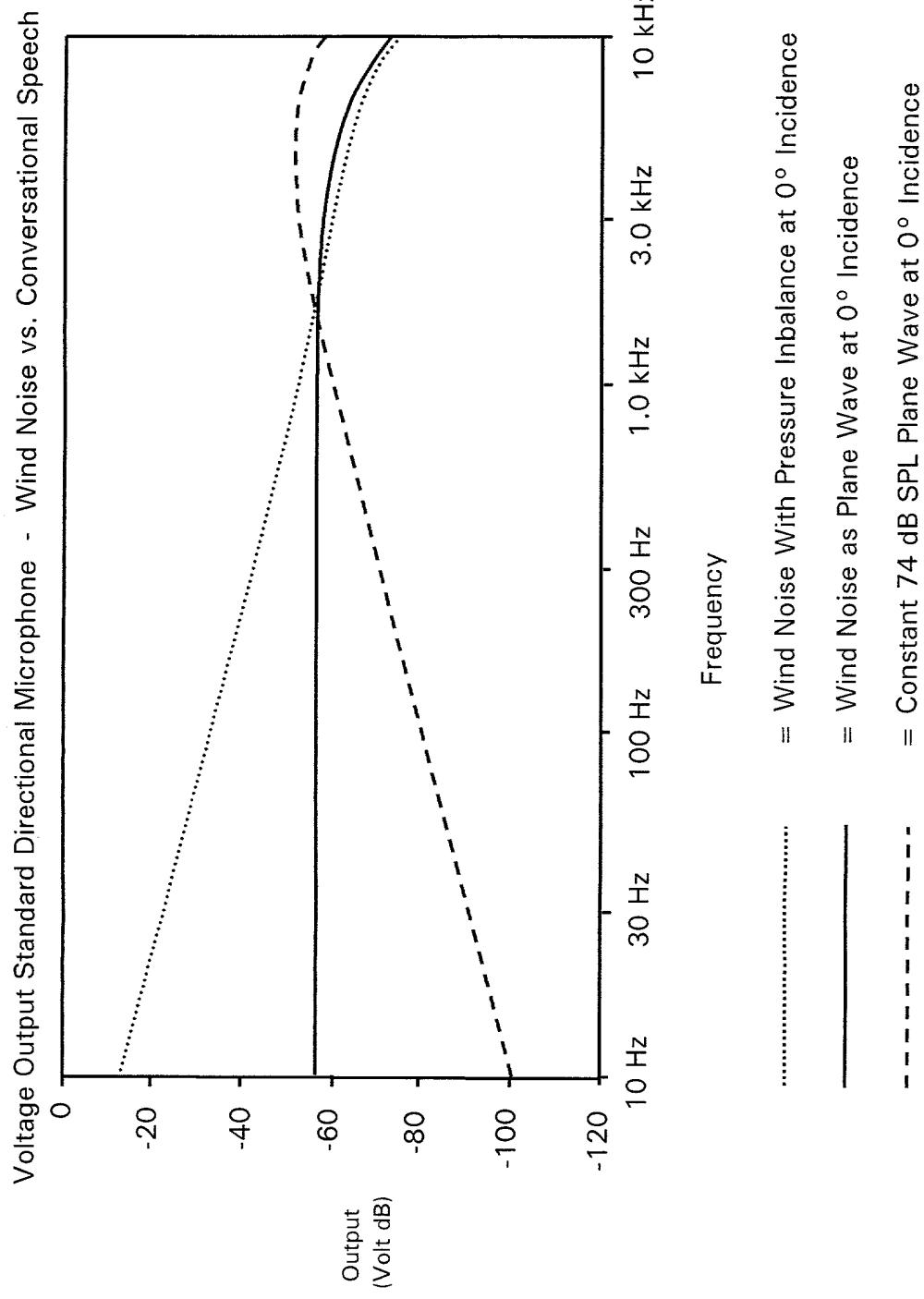
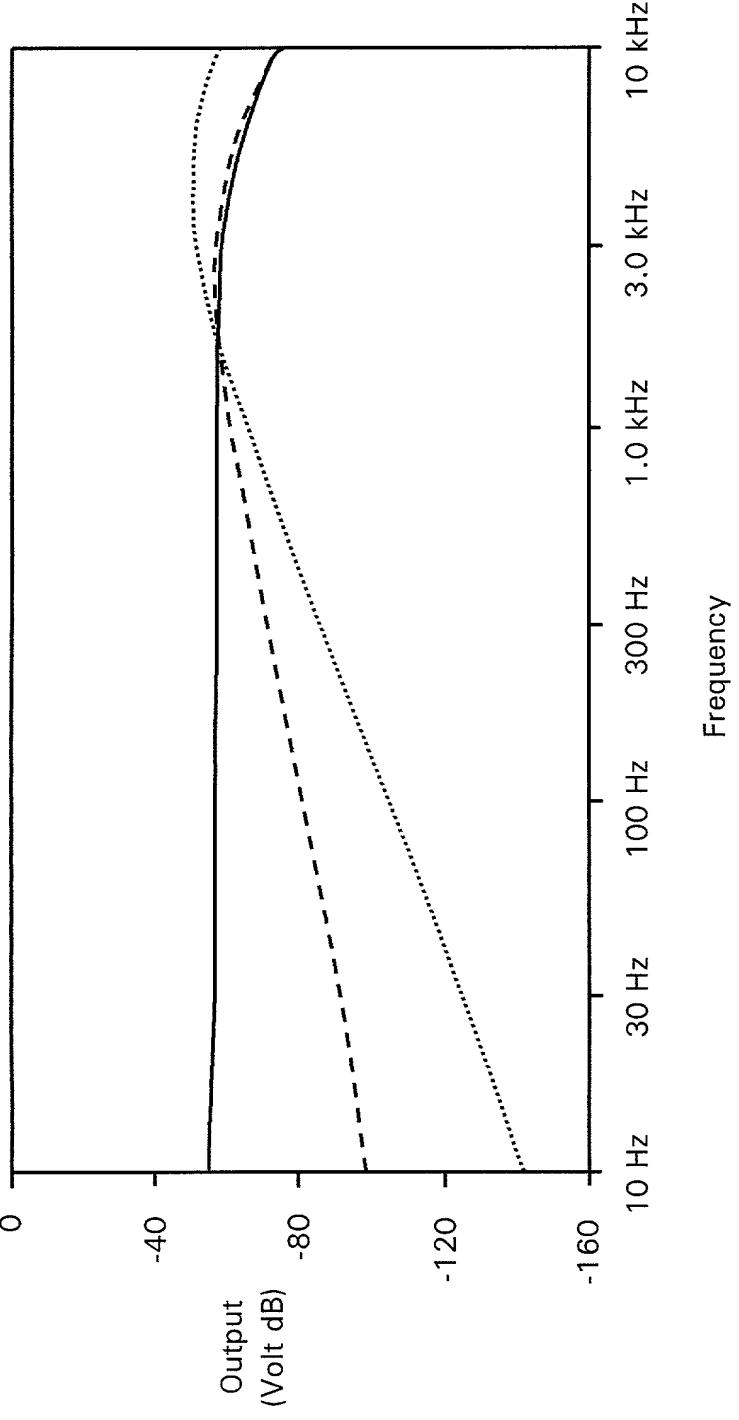


Fig. 8C

Voltage Output Wind Noise Suppressed Directional Microphone
Wind Noise vs. Conversational Speech



- = Wind Noise with Pressure Imbalance at 0° incidence
- - - = Wind Noise as Plane Wave at 0° incidence
- = Constant 74 dB SPL Plane Wave at 0° incidence

Fig. 8D

Voltage Output Response Shapes for Wind Noise Suppressed Directional Microphone

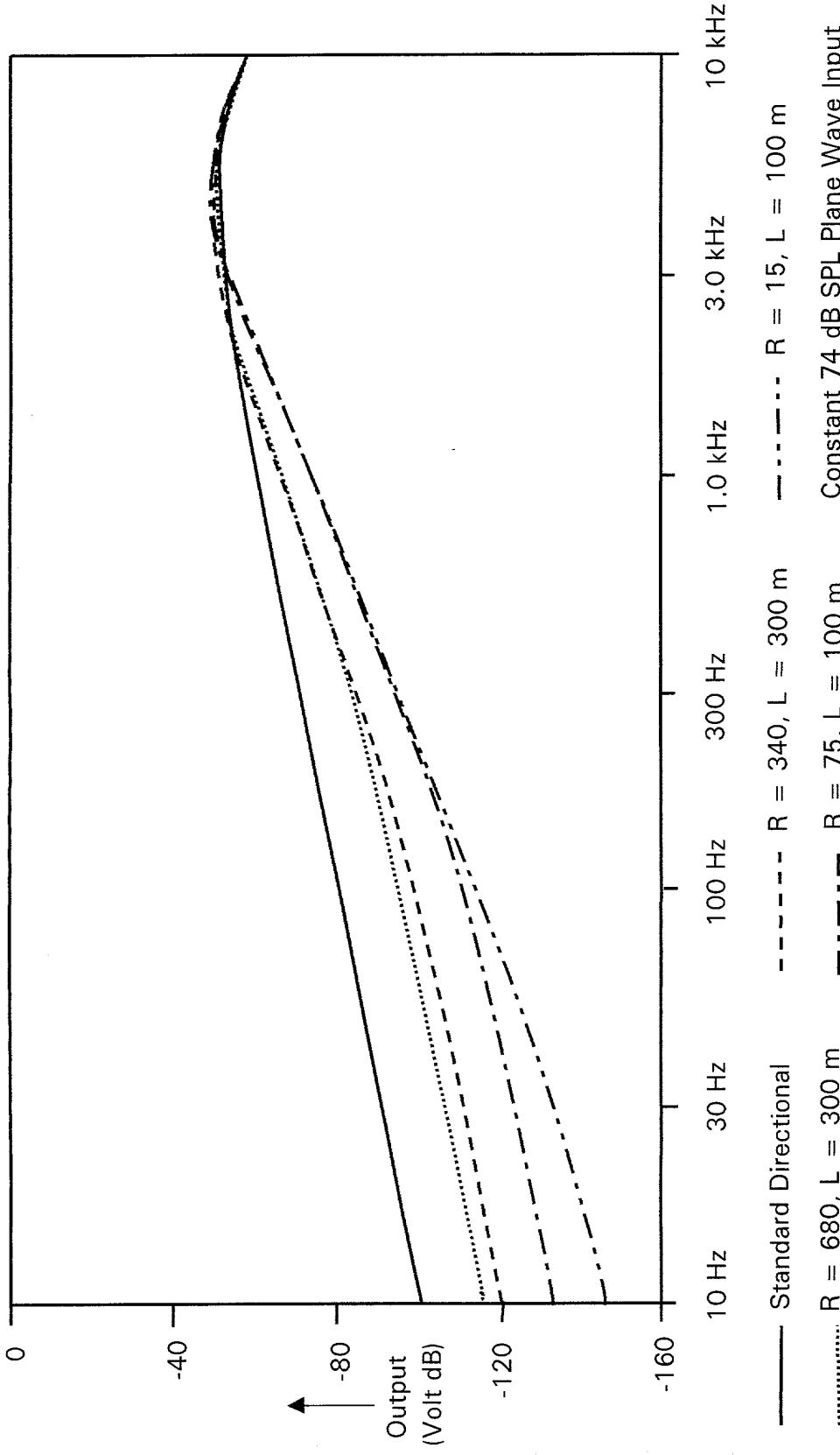
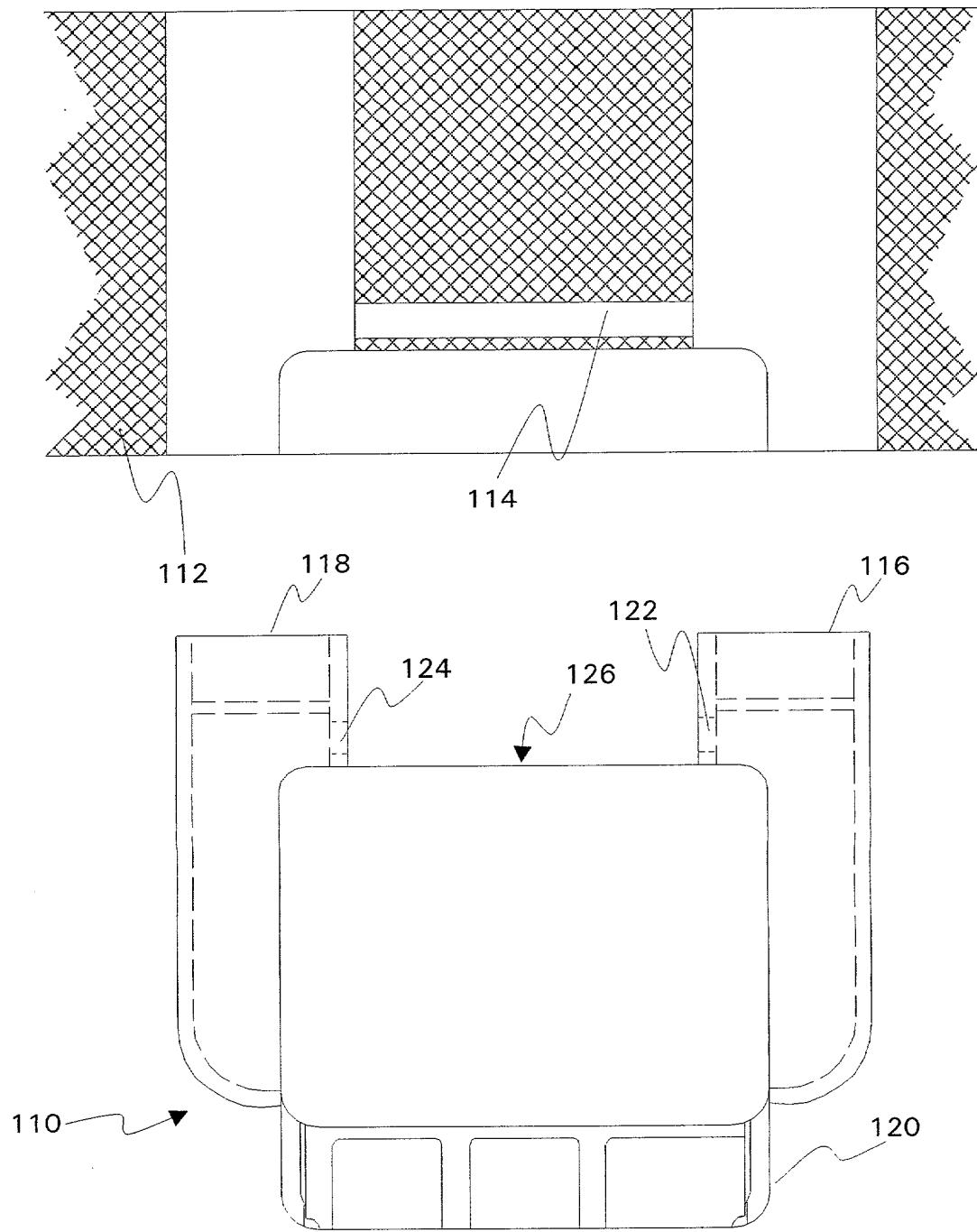


Fig. 9

**Fig. 10**